



MAPPERS



European
Commission



MAPPERS PROJECT. AN OVERVIEW

MAppERS Final Meeting
26-27 November 2015
PADOVA (Italy)

ACTORS



Estonian Academy of Security Sciences (EASS), *Estonia*



Helsinki City Rescue Department (HCRD), *Finland*



Frederikssund Halsnæs Fire & Rescue Service (FHFRS), *Denmark*



Hellenberg International Oy (HELLB), *Finland*



Institute of International Sociology Gorizia (ISIG), *Italy*



National Research Council of Italy (CNR)

Research Institute for Geo-hydrological Protection of Padua (IRPI), *Italy*



ESTONIAN ACADEMY OF SECURITY SCIENCES



TASK A – MANAGEMENT AND REPORTING TO THE COMMISSION OBJECTIVES

- Frame of implementation
- Project management
- Communication and Coordination

A.1 - STARTING THE NETWORK

- EAB establishment
- Synergies with other projects
- Organize one mid/term consortium meeting

A.2 – COORDINATION OF NETWORK

- Evaluation of activities
- 2 mid/term reports

A.3 - MID-TERM REPORTING

- Evaluation of activities
- Final report to EC
- Feedback and insight by EAB

A.4 - FINAL REPORTING

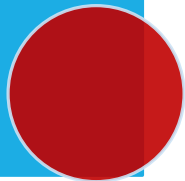
- Project management (steps, sequences of tasks)
- EAB as starting key-point before development?
- Communication fundamental



TASK B – BUILDING ON PRELIMINARY RESEARCH

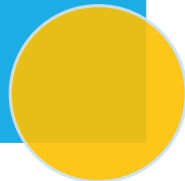
- Brief report on the impacts of crisis
- SWOT summary table
- Database on costs for disaster management activities

B.1 - DESK-BASED INVESTIGATION ON PILOT COUNTRIES



- Criteria/strategies/out put by past experience
- Synergies with other projects
- Organize one mid/term consortium

B.2 - SCIENTIFIC LITERATURE REVIEW



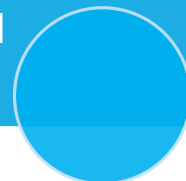
- State of the art reporting
- Adaptive strategy for DBMS

B.3 – STATE OF THE ART OF DBMS



- Outline of relevant best practices
- Guidelines for user friendly menus

B.4 – DESK-BASED RESEARCH ON COMMUNICATION TOOLS



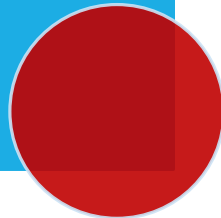
- Piloting state-of-art and DBMS strategy
- Organization and Data in case of disasters
- Literature and case studies



TASK C – DEVELOPMENT OF SMARTPHONE APP #1

- Existing technological supports identified in pilot countries
- State-of-art reports are developed for each country involved in the project

C.1-STATE-OF-ART OF TECHNOLOGIES FOR DISASTER MANAGEMENT



- Definition of current approaches in smartphone applications at EU level
- Synthesis report

C.2 – STATE-OF-ART OF SMARTPHONE APPS LINKED TO WEB SERVER



- Database for existing loggers
- Comparative analysis (literature and case studies)

C.3 – EXISTING DATA LOGGERS IN PILOT AREAS



- EC existing monitoring. Compared with USA state of art ?
- Piloting state-of-art
- App existing ?



ISIG



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TASK C – DEVELOPMENT OF SMARTPHONE APP #2

- Outline of relevant best practices
- Guidelines for user friendly menus

C.4 –
COMMUNICATION
SCHEME ON APP
INTERFACE

- Development of Mappers C and Mappers V modules
- Definition of users account and data right access

C.5 – SOFTWARE
ENGINEERING AND
DEVELOPMENT

- Testing and simulations undertaken
- Update of programming code

C.6 – TEST,
FEEDBACK AND
UPDATE

- *Mappers-C* and *Mappers-V* by end requirements
- Piloting structures feedbacks
- Engineering within Project



TASK D - CREATION OF PILOT GROUPS

- Identification of on are for pilot per partner country
- Identification of a group of volunteers/citizens per pilot country

D.1 -
IDENTIFICATION
OF PILOT AREAS

- Pilot groups are set up
- Pilot groups and project partners agree on the activity of pilot groups throughout the project

D.2 – FOCUS GROUPS
WITH
VOLUNTEERS/CITIZENS

- Country and teams
- Pilot groups throughout
- Local reality scenarios



TASK E – PILOT TESTING

- Prototype of Mappers C is tested
- Summary report of the testing is produced

E.1 – PILOT TESTING OF MAPPERS C PROTOTYPES

- Tested version of Mappers C is improved

E.2 – OPTIMISATION OF MAPPERS C

- Prototype of Mappers V is tested
- Summary report of the testing is produced

E.3 – PILOT TESTING OF MAPPERS V PROTOTYPE TOOLS

- Tested version of Mappers V is improved

E.4 – OPTIMISATION OF MAPPERS V

- Tested version of centralized database produced
- User interface produced

E.5 – TEST AND OPTIMISATION OF CENTRAL DATABASE APPLICATION

- Report on country-related issues
- Comparative analysis per country performed

E.6 – COMPARATIVE ANALYSIS OF PILOT OUTCOMES

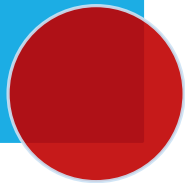
- 2-modules testing with prototype
- Comparison with local community
- Should we able to develop the best?
- Direct feedback



TASK F – TRAINING CURRICULA

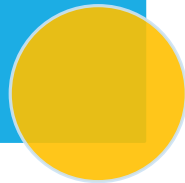
- Training objective
- Evaluation criteria

F.1 –
IDENTIFICATION OF
OBJECTIVES



- Tested version of Mappers Tested version of Mappers V is improved

F.2 –
IDENTIFICATION OF
TRAINERS AND
COACHES



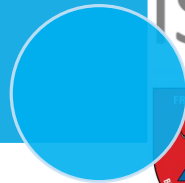
- Training curricula for:
 - Citizens
 - Volunteers
 - Videos

F.3 – TRAINING
CURRICULA



- Self-evaluation tool

F.4 – SELF-
EVALUATION
MODELS



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TASK G - POLICY RECOMMENDATIONS

- Draft of policy recommendations

G.1 – POLICY
DRAFTING

- Review on EAB insights

G.2 –
FEEDBACK

- Report

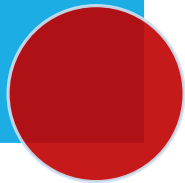
G.3 – POLICY
GUIDE



TASK H - PUBLICITY

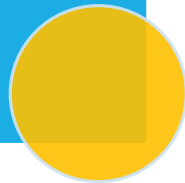
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CONCLUSIONS....

- Feedback by reality
- Testing on user on real case
- Complex level on low-level
- Not-trained feedback
- Understand by locals
- Increasing knowledge (not only tech)

